REMARKS

Claims 6-7 and 14-15 stand allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims1-5, 8-13, and 16-18 stands rejected under 35 USC §102(b) as being anticipated by Haufe et al. publication.

Indicated allowable claims 6, 7, 14, and 15 have been rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 1 and 9 have been cancelled. Dependent claims 2-4, 8, and 10-13, and 16, as amended, respectively depend from respective patentable claims 6, 7, 14, and 15. Independent claim 17 has been amended to more clearly state the invention.

Each of the pending claims 2-8, and 10-18, as amended, is believed to now stand in condition for allowance. Reconsideration and allowance of each of the pending claims 2-8, and 10-18, as amended, is respectfully requested.

Independent claim 17, as amended, recites a computer program product for implementing dynamic cosimulation in a computer system including a cosimulation bridge for data exchange between a primary simulator and a secondary simulator, said computer program product including instructions executed by the computer system to cause the computer system to perform the steps of defining a plurality of user selected optimization control signals over said cosimulation bridge including the steps of defining a functional OR disable; said functional OR disable defining a common disable for both said primary simulator and said secondary simulator; either said primary simulator or said secondary simulator activating a functional OR disable to activate said common

disable; identifying at least one user selected optimization control signal for disabling said cosimulation bridge; and dynamically disengaging said primary simulator and said secondary simulator for ending data exchange responsive to said disabling said cosimulation bridge.

Independent claim 17, as amended, further defines that the step of defining a plurality of user selected optimization control signals over said cosimulation bridge including the steps of defining a functional OR disable; said functional OR disable defining a common disable for both said primary simulator and said secondary simulator; either said primary simulator or said secondary simulator activating a functional OR disable to activate said common disable. Independent claim 17, as amended, is patentable for the same reasons as allowable rewritten independent claims 6 and 14.

The Haufe et al. publication discloses dynamic cosimulation. The prior art including the Haufe et al. publication does not suggest the step of defining a functional OR disable; said functional OR disable defining a common disable for both said primary simulator and said secondary simulator; either said primary simulator or said secondary simulator activating a functional OR disable to activate said common disable, as now recited in independent claim 17, as amended.

Thus independent claim 17, as amended, is patentable.

Dependent claims 2-4, 8, and 10-13, 16, and 18, as amended, respectively depend from patentable claims 6, 7, 14, 15, and 17, further defining the invention. Each of the dependent claims 2-4, 8, and 10-13, 16, and 18, as amended, is
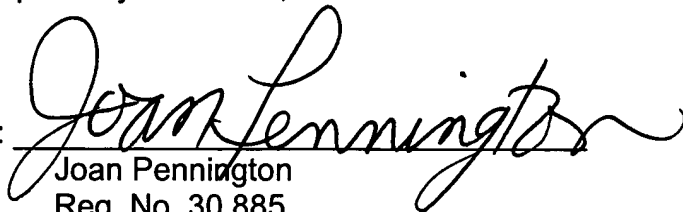
likewise patentable.

Applicants have reviewed all the art of record, and respectfully submit that the claimed invention is patentable over all the art of record, including the references not relied upon by the Examiner for the rejection of the pending claims.

It is believed that the present application is now in condition for allowance and allowance of each of the pending claims 2-8, and 10-18, as amended, is respectfully requested. Prompt and favorable reconsideration is respectfully requested.

If the Examiner upon considering this amendment should find that a telephone interview would be helpful in expediting allowance of the present application, the Examiner is respectfully urged to call the applicants' attorney at the number listed below.

Respectfully submitted,

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